RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/807,004

Source: TFWD

Date Processed by STIC: 3/30/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.1 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

IFWO

RAW SEQUENCE LISTING   DATE: 03/30/2004
PATENT APPLICATION: **US/10/807,004**   TIME: 11:36:47

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\03302004\J807004.raw**

```
        1 <110> APPLICANT: Morse, Daniel E. Kisailus,
W-->    2 <120> TITLE OF INVENTION: METHODS, COMPOSITIONS, AND BIOMIMETIC
W-->    3       CATALYSTS FOR THE SYNTHESIS OF SILICA, POLYSILSEQUIOXANES, POLYSILOXANES, NON-
W-->    4       SILICON METALLOID-OXYGEN NETWORKS, POLYMETALLO-OXANES, AND THEIR ORGANIC OR
W-->    5 <130> FILE REFERENCE: 1279-281C1<140> US XX/XXX,XXX<141>
C-->    6 <140> CURRENT APPLICATION NUMBER: US/10/807,004
C-->    6 <141> CURRENT FILING DATE: 2004-03-22
        6 <150> PRIOR APPLICATION NUMBER: 09/856,599<151> 2001-07-16<160> 2 <170> PatentIn
version
```

IF PatentIN software was used to create submitted-file, please contact Mark Spencer at 571-272-2533 **Does Not Comply Corrected Diskette Needed** *(P5.1)*

```
ERRORED SEQUENCES

E-->  93 <210> SEQ ID NO: 2<211> 1360<212> DNA<213> Tethya aurantia<400> 2
E-->  94 <211> LENGTH:
E-->  94 <212> TYPE:
E-->  94 <213> ORGANISM:
E-->  94 <400> SEQUENCE:
      94 atcgaatcaa atcgtgagta ttgctccgag ttccaaggaa agtgaaagca aaggattcca        60
      96 gctacagtaa agatgtatct cggcacgttg gttgttttgt gtgttttggg ggctgctatt       120
      98 ggagagccaa tgcctcagta tgagttcaag gaggaatggc agctgtggaa gaaacaacat       180
     100 gacaagtctt acagcaccaa cttggaggaa ctggagaaac atcttgtctg gctctccaac       240
     102 aagaagtaca ttgaactgca caatgccaat gcagacacct ttggattcac tctagctatg       300
     104 aaccatctag gagatatgac tgaccatgaa tacaaggaga gatacctcac atacactaac       360
     106 agcaaatctg gtaactacac caaggtgttc aaacgtgagc catggatggc ctacccggag       420
     108 actgtagatt ggagaacaaa gggcgctgtg actggtatca agagccaggg agattgtggt       480
     110 gccagctatg cattcagtgc catgggtgca cttgaaggaa tcaatgcact tgctactgga       540
     112 aagctgacct atctcagtga acagaacatc attgattgct ctgtacctta tggtaaccat       600
     114 ggttgcaagg gtggaaacat gtatgtggct ttcctctatg ttgttgctaa cgaaggagtt       660
     116 gatgatgggg gttcctatcc atttagagga aagcaatcca gttgtacgta tcaagagcag       720
     118 taccgtggtg caagtatgtc tggctcagtt caaatcaaca gtggtagtga atctgatctg       780
     120 gaagcagctg tagccaatgt tggtccagtt gcagtagcta ttgatggaga gtcaaatgct       840
     122 ttcagattct attacagtgg agtgtacgac tcctccagat gttctagtag cagtctcaac       900
     124 cacgccatgg tgatcactgg ctatggaatt tcaaataacc aggaatactg gcttgcaaag       960
     126 aacagctggg gtgagaactg gggagaactg ggctatgtga agatggccag gaacaagtac      1020
     128 aatcaatgtg ggattgctag tgatgcctcc tacccactc tctagcatgt cagccagccc      1080
     130 agtctgaaac tgaactagaa ttatcaatag ttaaataact gtgtgtttta tacatgtgaa      1140
     132 caatagactt gatcatcctt tagtaagtat tatatgtgat gagtgtttgt ccaatccaac      1200
     134 attagctctg acatgtaaat tattgtaata atgattctgt gattatgtct caatgattat      1260
     136 tgtattcaca atggcatcta atttgtatac aagcccctca atcactgact gatctcatta      1320
     138 taatttattt gatggactac aaaaaaaaaa aaaaaaaaa                              1360
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/30/2004
PATENT APPLICATION: **US/10/807,004**   TIME: 11:36:48

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\03302004\J807004.raw**

<u>Invalid Line Length:</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,6

VERIFICATION SUMMARY　　　　　　　　　　DATE: 03/30/2004
PATENT APPLICATION: **US/10/807,004**　　　TIME: 11:36:48

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\03302004\J807004.raw**

L:2 M:283 W: Missing Blank Line separator, <120> field identifier
L:5 M:283 W: Missing Blank Line separator, <130> field identifier
L:6 M:270 C: Current Application Number differs, Replaced Current Application No
L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:7 M:283 W: Missing Blank Line separator, <210> field identifier
L:9 M:282 E: Numeric Field Identifier Missing, <211> is required.
L:9 M:282 E: Numeric Field Identifier Missing, <212> is required.
L:9 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:9 M:200 E: Mandatory Header Field missing, <400> is required.
L:93 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO: 2<211> 1360<212>
DNA<213> Tethya·aurantia<400> 2
L:94 M:282 E: Numeric Field Identifier Missing, <211> is required.
L:94 M:282 E: Numeric Field Identifier Missing, <212> is required.
L:94 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:94 M:200 E: Mandatory Header Field missing, <400> is required.